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GROUP 1600

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Luo et al.

Group Art Unit: 1645

Serial No. 09/041,236

Examiner: Lee, L.

Filed: March 11, 1998

Attorney Docket No. EX98-001

For: Semaphorin K1

OFFICIAL

## CERTIFICATE OF TRANSMISSION

I hereby certify that this corr is being transmitted by facsimile to the  
Comm for Patents at (703) 308-4242 on November 16, 2000.

Signature

Richard Aron Osman

#19/10  
11-29-00RESPONSE

OK TO ENTER.

The Commissioner for Patents  
Washington, DC 20231

LL 12/19/00

Dear Examiner Lee:

Thank you for the Office action dated Sept 11, 2000; please enter these amendments:

IN THE CLAIMS

5 16. (Amended) A method for [modulating a cellular physiology] enhancing organotypic neurite outgrowth from damaged neurons undergoing nerve fiber atrophy, said method comprising the step of contacting a cell with [an agent which modulates sema K1 activity] a polypeptide according to claim 10<sup>1</sup>, and thereby [modulates the cell's physiology, wherein the agent comprises a polypeptide according to claim 10] enhancing organotypic neurite outgrowth from said neurons.

6 20. (Amended) A method for [modulating a cellular physiology] enhancing organotypic neurite outgrowth from damaged neurons undergoing nerve fiber atrophy, said method comprising the step of contacting a cell with [an agent which modulates sema K1 activity] a polypeptide according to claim 11<sup>2</sup>, and thereby [modulates the cell's physiology, wherein the agent comprises a polypeptide according to claim 11] enhancing organotypic neurite outgrowth from said neurons.

7 21. (Amended) A method for [modulating a cellular physiology] enhancing organotypic

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